

## **SECTION 211 ROAD LEVELER OPERATIONS**

**211.01 DESCRIPTION.** Road leveling is using a road leveler to final shape the top surfacing course.

**211.02 RESERVED.**

**211.03 CONSTRUCTION REQUIREMENTS.**

**211.03.1 Equipment.** Use either a self-propelled or tractor-powered unit designed for road leveling work.

**A. Leveler Unit.** Furnish a leveler unit:

1. Approximately 40 feet long (12.2 m);
2. With a minimum cutting blade width of 10 feet (3.0 m);
3. With pivot points, both in front and behind the center point of the machine;
4. Mounted on pneumatic tires or crawler-type treads;
5. With hydraulic power fittings to control the cutting blade from the power traction unit.

Machines less than 40 feet (12.2 m) in length may be used if operated off an approved string line using electronic controls.

**B. Tractor Power Unit.** Use tractor-power units capable of operating the leveler up to 4 miles per hour (6.4 km/hr).

Equip the unit with a two-way hydraulic system having controls for operating the leveler cutting blade.

**211.03.2 Operation.** Once the final surface course material is finished, bring the surface to the specified tolerance.

Apply water to the surface as required for leveling.

Operate the leveler longitudinally, starting from the crown of the roadway working toward the shoulder on successive passes with each pass overlapping.

Do not straddle the roadway crown with the leveler.

**211.04 METHOD OF MEASUREMENT.** Road leveler operation is measured by the hour for the actual hours used in the work.

**211.05 BASIS OF PAYMENT.** Payment for the completed and accepted quantities is made under the following:

<u>Pay Item</u>	<u>Pay Unit</u>
Road Leveler	Hour

Price and payment is full compensation for furnishing all resources necessary to complete the item of work under the Contract.